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SEQUENCE LISTING

<110> Bayer AG

Healthcare, Bayer

<120> Diagnostics and Therapeutics for Diseases Associated with human phosphodiesterase 11A (PDE11A)

<130> LeA 36282

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<170> PatentIn version 3.1

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<212> DNA

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Gln Asp Pro Arg Phe Asp Ala Glu Ala Asp Gln Ile Ser Gly Phe His
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Ile Arg Ser Val Leu Cys Val Pro Ile Trp Asn Ser Asn His Gln Ile
 65 70 75 80

Ile Gly Val Ala Gln Val Leu Asn Arg Leu Asp Gly Lys Pro Phe Asp
 85 90 95

Asp Ala Asp Gln Arg Leu Phe Glu Ala Phe Val Ile Phe Cys Gly Leu
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Lys Gln Ser Val Ala Leu Asp Val Leu Ser Tyr His Ala Thr Cys Ser
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Glu Leu Ala Ile Asp Asp Ile His Phe Asp Asp Phe Ser Leu Asp Val
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Asp Ala Met Ile Thr Ala Ala Leu Arg Met Phe Met Glu Leu Gly Met
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Thr Val Arg Lys Asn Tyr Arg Met Val Leu Tyr His Asn Trp Arg His
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Phe Gln Asp Ile Leu Thr Glu Val Glu Ile Leu Ala Val Ile Val Gly
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Cys Leu Cys His Asp Leu Asp His Arg Gly Thr Asn Asn Ala Phe Gln
260 265 270

Ala Lys Ser Gly Ser Ala Leu Ala Gln Leu Tyr Gly Thr Ser Ala Thr
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- 5 -

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 290 295 300

Gly His Asn Ile Phe Ala Asn Leu Ser Ser Lys Glu Tyr Ser Asp Leu
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Met Gln Leu Leu Lys Gln Ser Ile Leu Ala Thr Asp Leu Thr Leu Tyr
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Phe Glu Arg Arg Thr Glu Phe Phe Glu Leu Val Ser Lys Gly Glu Tyr
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Glu Arg Leu Glu Leu Lys Leu Thr Pro Ser Ala Ile Phe Asp Arg Asn
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Arg Lys Asp Glu Leu Pro Arg Leu Gln Leu Glu Trp Ile Asp Ser Ile
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Cys Met Pro Leu Tyr Gln Ala Leu Val Lys Val Asn Val Lys Leu Lys
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Pro Met Leu Asp Ser Val Ala Thr Asn Arg Ser Lys Trp Glu Glu Leu
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